

*ABSTRACT OF THE DISCLOSURE*

The present invention relates to a thermal diffuser which having a path for close thermal coupling uniformly between an electronic component mounted in an electronic equipment and a desired thermal conductor, and also to a radiator for radiating heat generated in this electronic component via the thermal diffuser. The object of the present invention is to realize flexible adaptability to various devices which are to undergo temperature control at low cost, and to efficiently achieve the temperature control. For this purpose, the thermal diffuser of the present invention has a plate-shaped structure which can be welded or bonded to the case of the electronic component to undergo heat exchange with the exterior and has a channel formed in mesh by a plurality of protrusions with confined heat medium recirculating therethrough.

10074336.021202